# Installing Microsoft Proxy 2.0 on Windows 2000 Member Server

1. Follow the instructions on installing and securing Windows 2000 Server in the KETS Network.

2. Log onto the domain as a domain administrator.

3. Go to
    http://www.microsoft.com/isaserver/evaluati
    on/previousversions/DLWindows2000HotFi
    x.asp to download Microsoft Proxy Server
    2.0 Update Wizard - Eng which updates
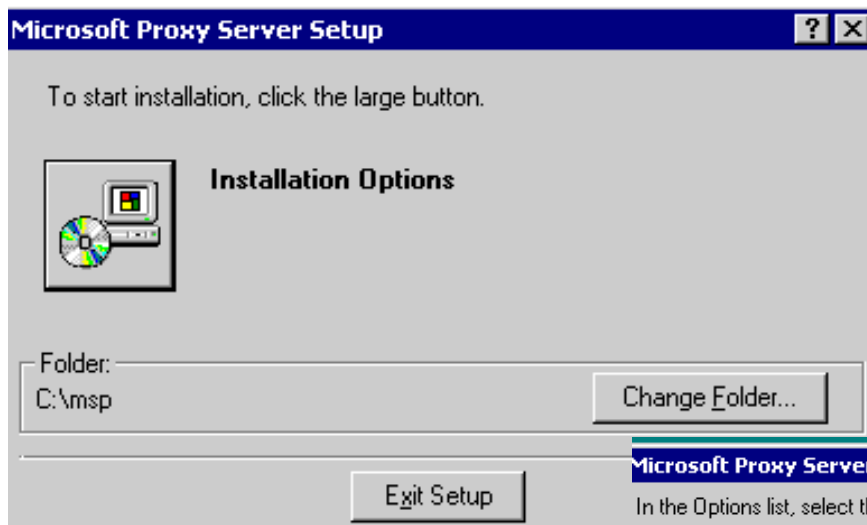   Proxy Server 2.0 for use on Windows 2000.

    > *Note: Microsoft Proxy 2.0 Service
    > Pack 1 is installed automatically
    > when using the msp2wizi.exe
    > installation. The Release Notes are
    > also listed on this website if you
    > would like to review them.*

4. Insert the Microsoft Proxy 2.0 CD. Should
    the cd try to autorun, an error will generate
    saying the program will not run correctly on
    this version of Windows. Click to cancel the
    setup.

5. Double click msp2wizi.exe file to begin
    setup.

6. Click YES to continue.

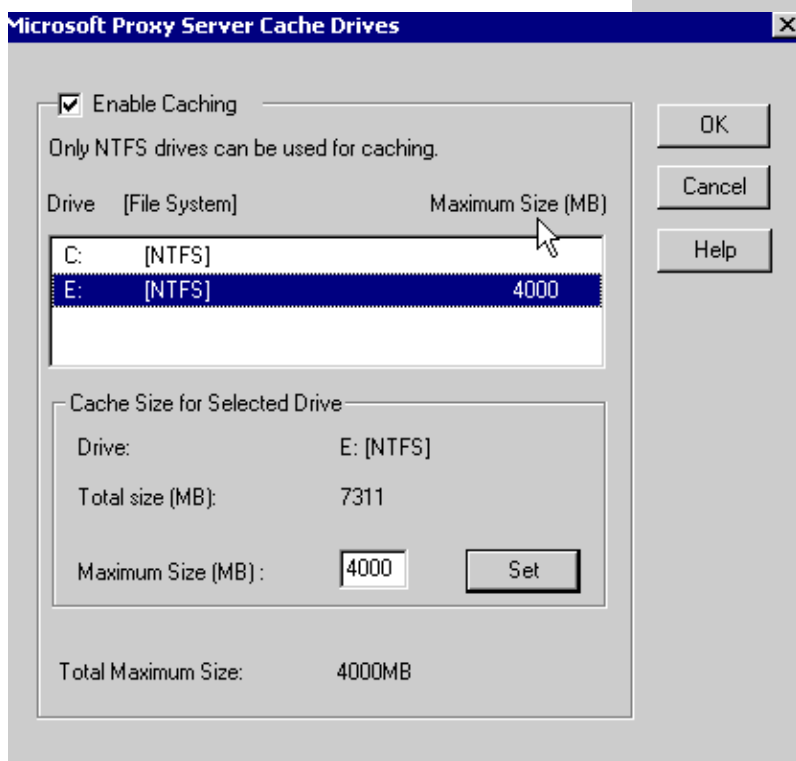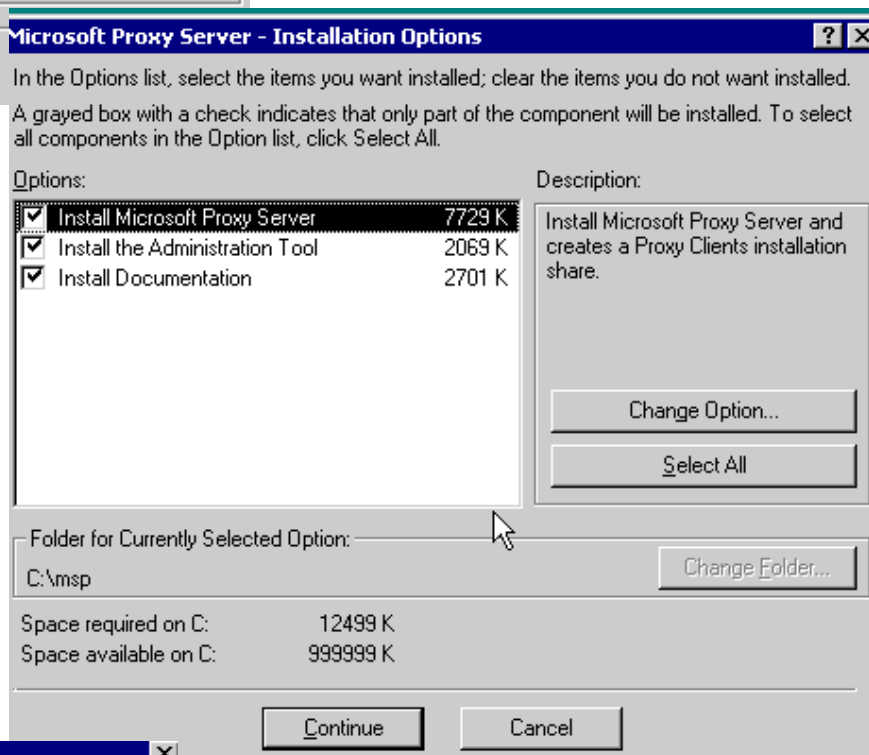7. Click Continue on the Setup Wizard Page.

8. Click Continue.
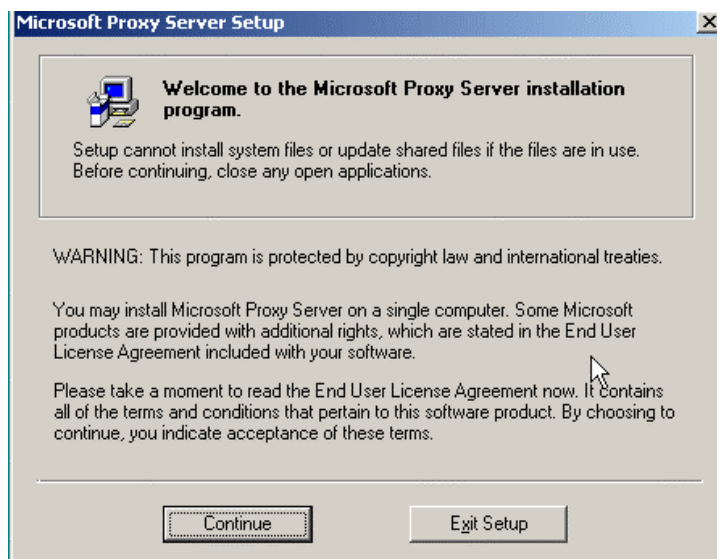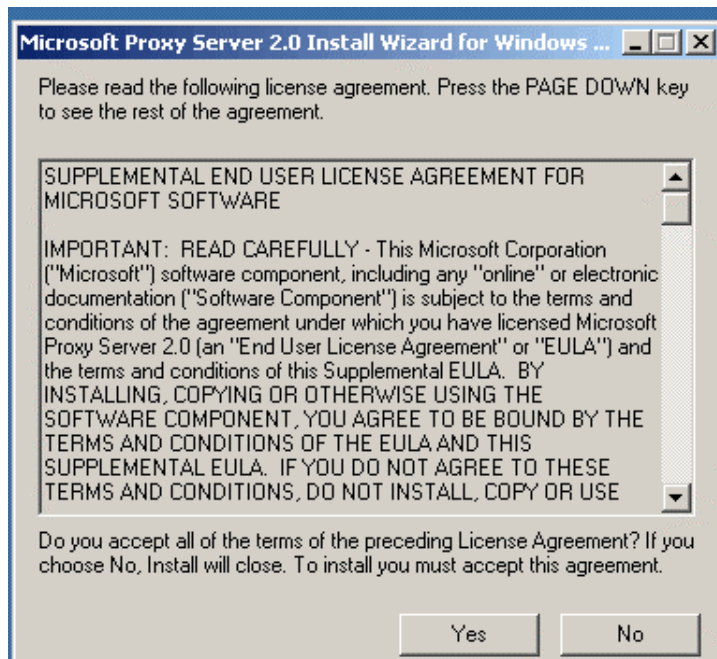
9. Type in the CD Key and click OK.
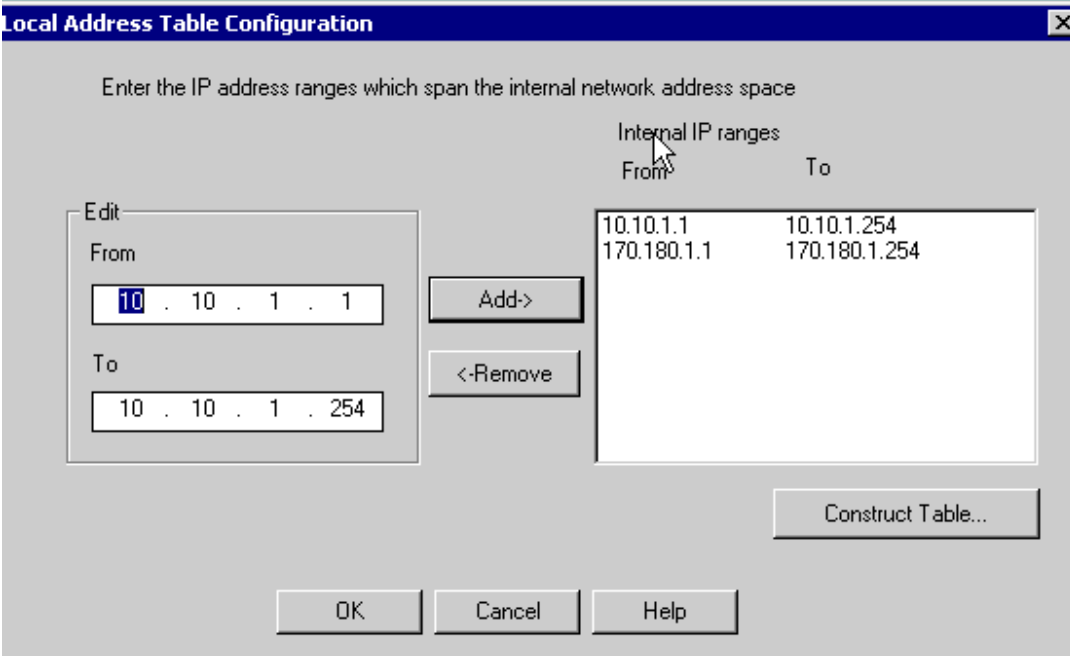
10. Click OK on the Product ID.

11. Click on the Installation Options Button.

Microsoft Proxy Server Setup   ? X

To start installation, click the large button.

Installation Options

Folder:
C:\msp   Change Folder...

E_xit Setup

12. Accept the defaults by clicking continue.

Microsoft Proxy Server - Installation Options   ? X

In the Options list, select the items you want installed; clear the items you do not want installed.

A grayed box with a check indicates that only part of the component will be installed. To select all components in the Option list, click Select All.

Options:

☑	Install Microsoft Proxy Server	7729 K
☑	Install the Administration Tool	2069 K
☑	Install Documentation	2701 K

Description:

Install Microsoft Proxy Server and creates a Proxy Clients installation share.

Change Option...

Select All

Folder for Currently Selected Option:
C:\msp

Change Folder...

Space required on C: 12499 K
Space available on C: 999999 K

Continue   Cancel

Microsoft Proxy Server Cache Drives   X

☑ Enable Caching

Only NTFS drives can be used for caching.

Drive	[File System]	Maximum Size (MB)
C:	[NTFS]	
E:	[NTFS]	4000

OK

Cancel

Help

Cache Size for Selected Drive

Drive: E: [NTFS]

Total size (MB):   7311

Maximum Size (MB) :   4000   Set

Total Maximum Size: 4000MB

13. Enable caching should be checked. You will want to set the cache size for your drives. Highlight C:\ and change the size to 0. Click on set. This will prevent proxy from caching on your system drive

14. Click to highlight each of your remaining drives and enter the size for the cache on each drive. Click set after each one.

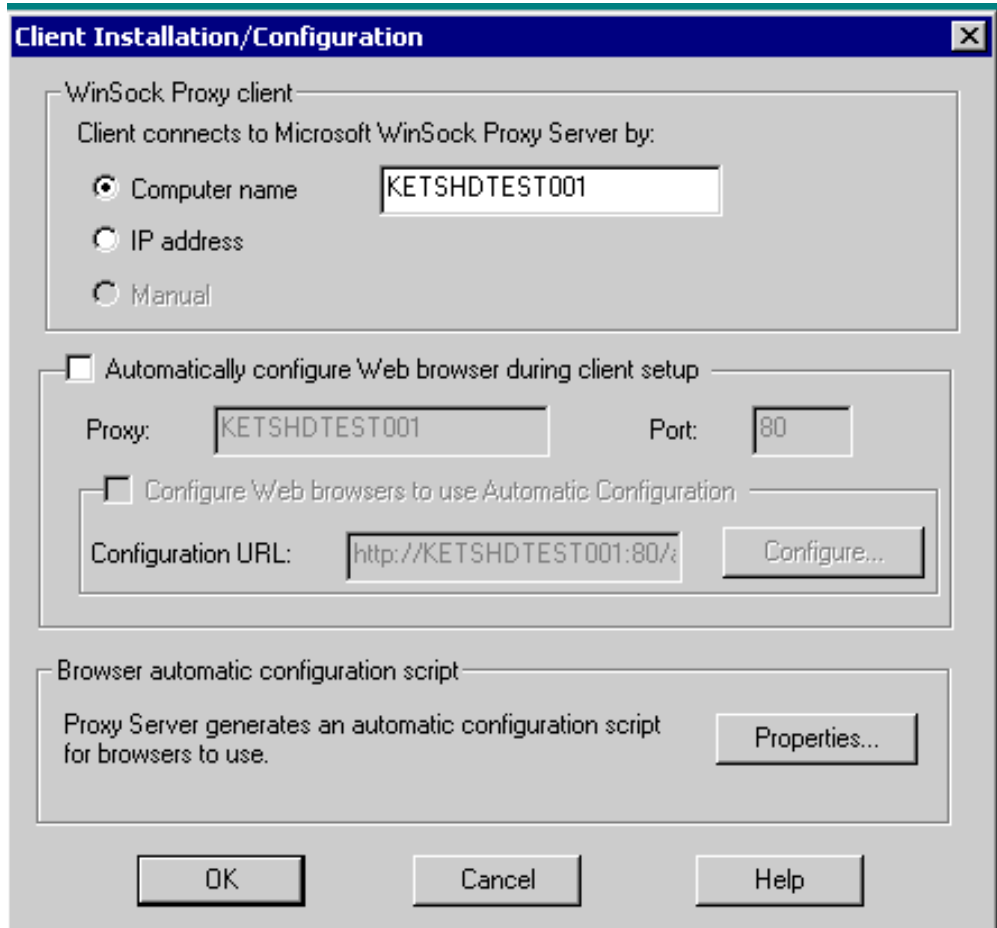15. Click OK when you have completed setting up the cache sizes.

16. Enter the Public and Private IP Address ranges for users of this proxy server. Be sure to click Add after entering each range.

17. Click OK.

18. Verify that the computer name is correct.

19. Uncheck automatically configure web browser during client setup.
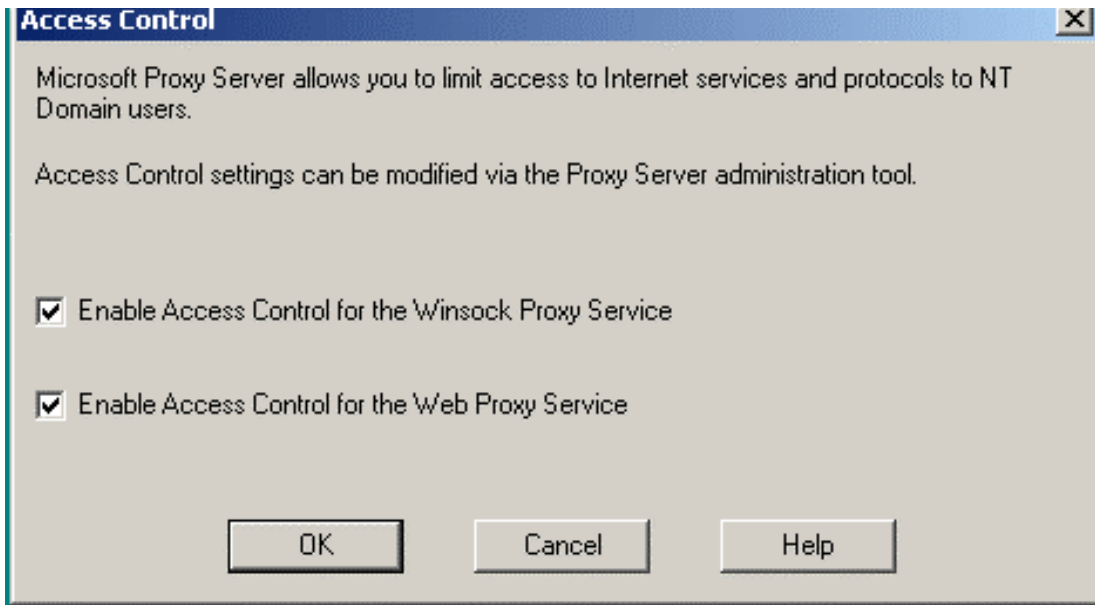
20. Click OK.

21. Be sure that both Access Control boxes are checked and click OK.

22. Click OK and wait for installation to complete.
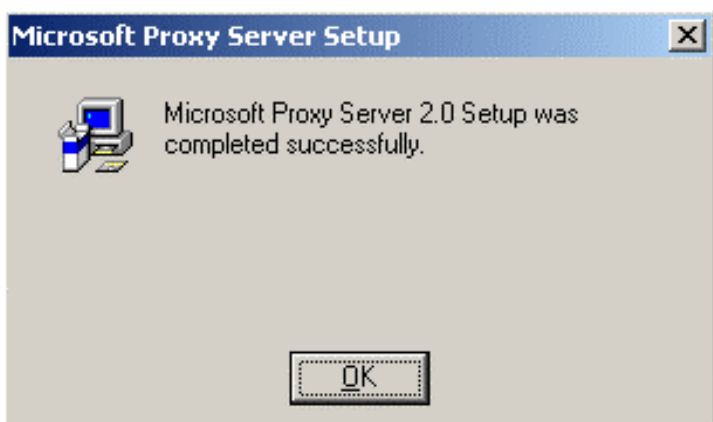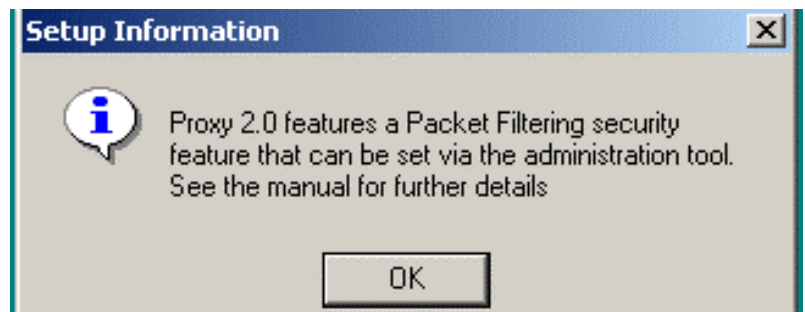
23. Click OK to complete installation.

Now you are ready to configure your Proxy Server.

Configuring Microsoft Proxy 2.0 on Windows 2000 Member Server

1. Click on Start, Programs, Microsoft Proxy, Microsoft Management Console.

2. Expand your server and right click on Web Proxy, then click on Properties.

3. Click on the routing tab.

4. Verify the name of the proxy server is entered in the local server box.

5. Click to select use web proxy or array and click on modify.

Web Proxy Service Properties For ketshdtest2

Tabs: Service | Permissions | Caching | **Routing** | Publishing | Logging

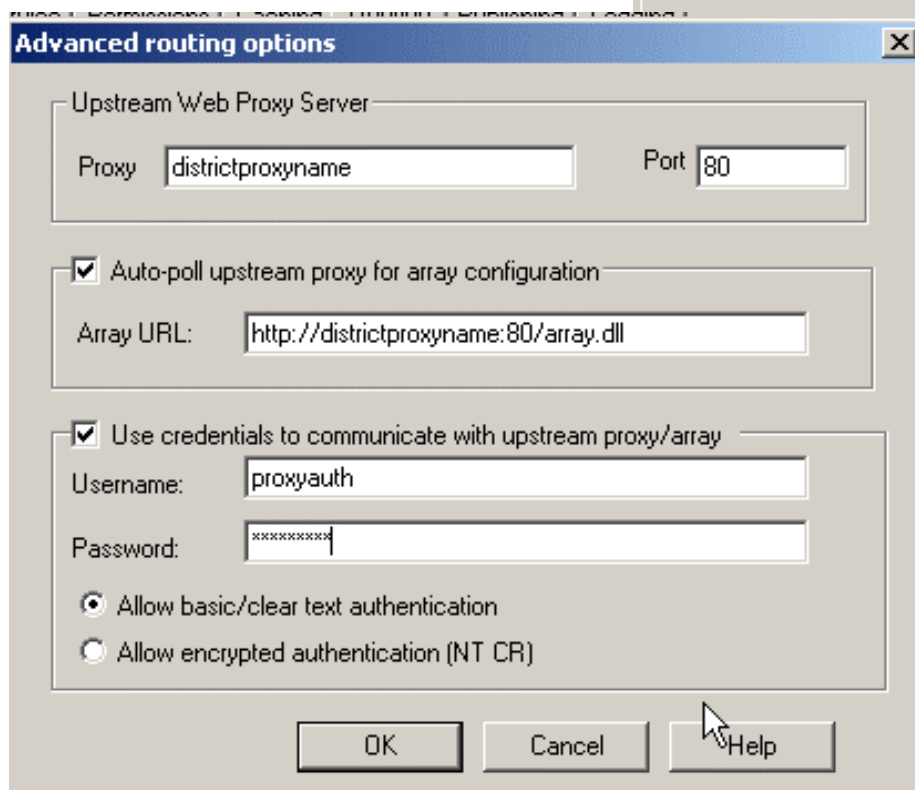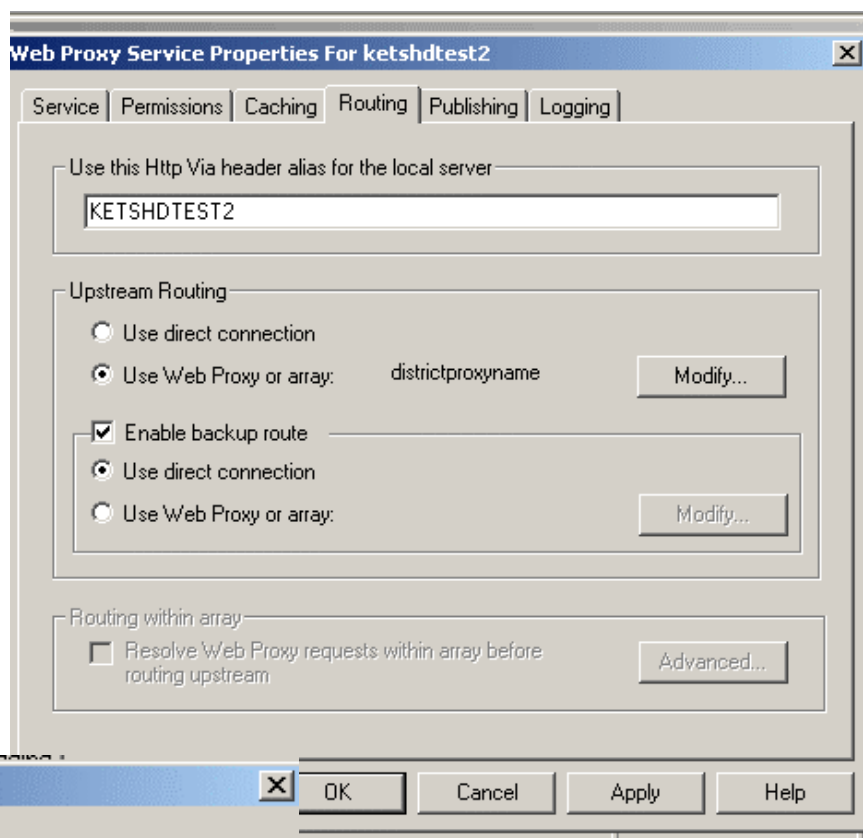Use this Http Via header alias for the local server
`KETSHDTEST2`

Upstream Routing
- ○ Use direct connection
- ● Use Web Proxy or array: districtproxyname [Modify...]
- ☑ Enable backup route
  - ● Use direct connection
  - ○ Use Web Proxy or array: [Modify...]

Routing within array
- ☐ Resolve Web Proxy requests within array before routing upstream [Advanced...]

[OK] [Cancel] [Apply] [Help]

Advanced routing options

Upstream Web Proxy Server
Proxy: `districtproxyname`   Port: `80`

☑ Auto-poll upstream proxy for array configuration
Array URL: `http://districtproxyname:80/array.dll`

☑ Use credentials to communicate with upstream proxy/array
Username: `proxyauth`
Password: `*********`
- ● Allow basic/clear text authentication
- ○ Allow encrypted authentication (NT CR)

[OK] [Cancel] [Help]

6. Enter the name of the district proxy as your upstream proxy.

7. Check the auto-poll upstream and be sure that your district proxy is listed.

8. Check the Use credentials to communicate with upstream proxy/array if you are using proxy authentication. You will need to enter a domain user name and password to allow proxy-to-proxy authentication.

Note: You may want to create a domain account for this purpose only.

9. Click on OK to accept modifications.

10. Check the Enable backup route and choose Use Direct Connection.

Web Proxy Service Properties For ketshdtest2   [X]

Service | Permissions | Caching | Routing | Publishing | Logging

☑ Enable logging using: Verbose   ▼   format

┌─ Log to file ────────────────┐   ○ Log to SQL/ODBC database
│ ☑ Automatically open new log: │
│   Daily   ▼   │   ODBC Data Source Name (DSN):
│   │   [   ]
│ ☑ Limit number of old log files to: │   Table:
│   30   │   [   ]
│   │   User name:
│ ☑ Stop service if disk full   │   [   ]
│   │   Password:
│ Log file directory: │   [   ]
│ C:\WINNT2\System32\msplogs   │
│   │
│   Browse...   │
│   │
│ Log file name: W3yymmdd.log   │

        OK   Cancel   Apply   Help
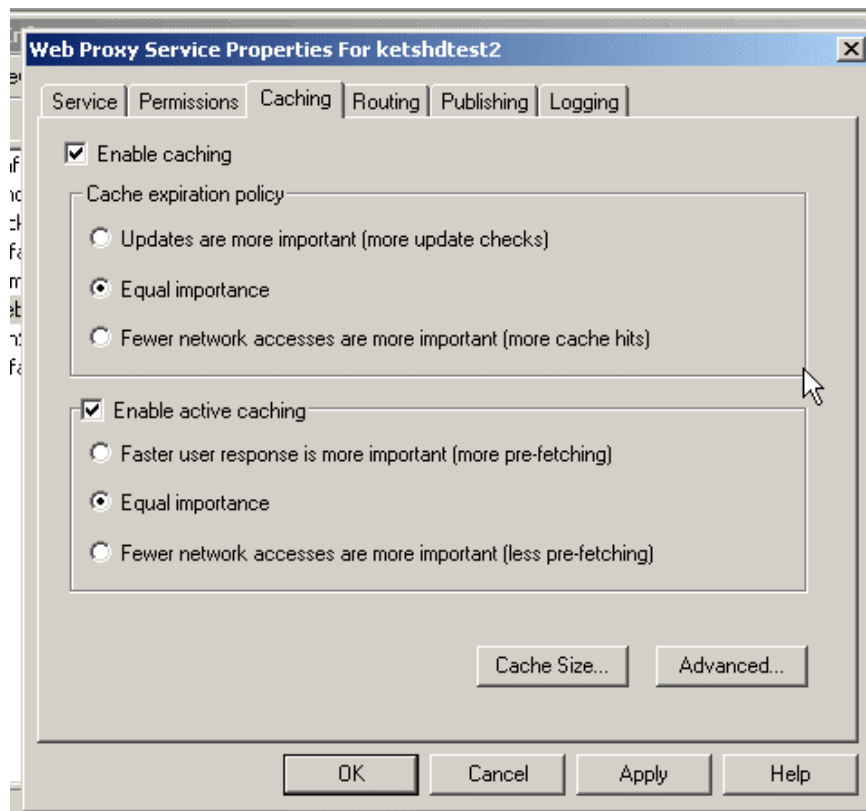
11. Click on the Logging Tab.

12. Check the Enable logging using: and drop down to Verbose format.

13. Click to Log to File

14. Check Automatically open new log file Daily.

15. Check Limit number of old log files to: and enter the number of days to keep the log files.

16. Click Apply.

17. Click on the Caching Tab.

18. Check Enable caching.

19. Click Equal importance on Cache expiration policy.
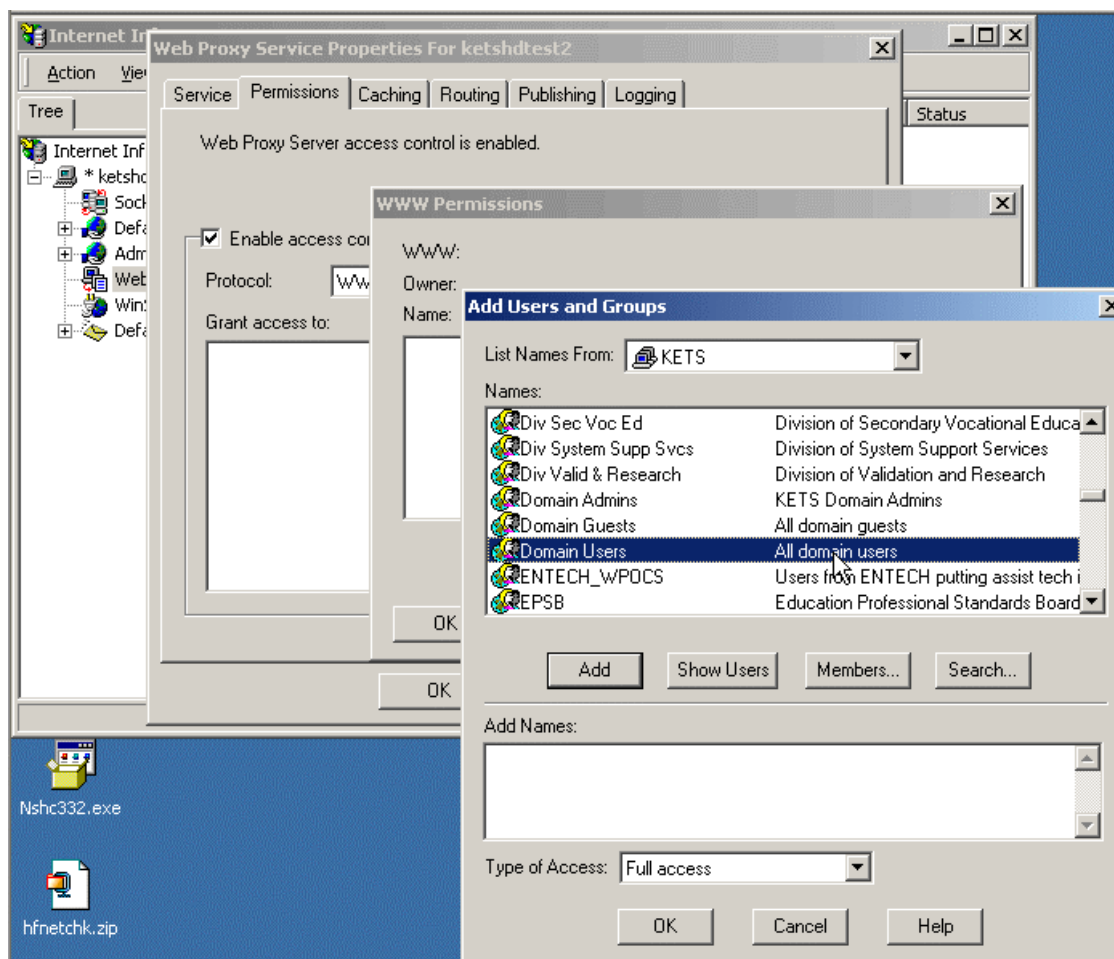
20. Check Enable active caching.

21. Click Equal importance.

22. Click on Permissions tab.

23. Check Enable access control

24. Click on Edit and select users and/or groups that will require internet access.

25. Click on Add then OK

26. Highlight all users and/or groups and click on Copy to.

27. Highlight all of the protocols by holding down the shift key and clicking on each protocol.

28. Click OK.

29. Click OK to complete configuration.

Service Selection

Select the protocols to which the "add" or "remove" operation will apply.

FTP Read
Gopher
Secure
WWW

OK   Cancel   Help